



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: Publication date request

TO: Dave Nguyen
Location: rem/2d31/2c18
Art Unit: 1632
Wednesday, May 19, 2004

Case Serial Number: Pub date

From: David Schreiber
Location: Biotech-Chem Library
Remsen E01A61
Phone: 272-2526

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Search Notes

PMID- 10836017
 OWN - NLM
 STAT- completed
 DA - 20000626
 DCOM- 20000626
 LR - 20001218
 IS - 1523-7060
 VI - 1
 IP - 10
 DP - 1999 Nov 18
 TI - Aminoethylprolyl peptide nucleic acids (aepPNA): chiral PNA analogues that form highly stable DNA:aepPNA2 triplexes.
 PG - 1513-6
 AB - [formula: see text] The replacement of the glycyl component in the peptide nucleic acid (PNA) backbone by a prolyl unit bearing a nucleobase leads to the aminoethylprolyl (aep) PNAs, which are chiral and cationic. The homooligomeric aepPNA binds to complementary DNA sequences with high affinity and sequence specificity, forming highly stable triplexes.
 AD - Division of Organic Chemistry (Synthesis), National Chemical Laboratory, Pune, India.
 FAU - D'Costa, M
 AU - D'Costa M
 FAU - Kumar, V A
 AU - Kumar VA
 FAU - Ganesh, K N
 AU - Ganesh KN
 LA - eng
 PT - Journal Article
 PL - UNITED STATES
 TA - Org Lett
 JID - 100890393
 RN - 0 (Oligodeoxyribonucleotides)
 RN - 0 (Peptide Nucleic Acids)
 RN - 0 (triplex DNA)
 RN - 9007-49-2 (DNA)
 SB - IM
 MH - DNA/*chemistry
 MH - Nucleic Acid Conformation
 MH - Oligodeoxyribonucleotides/chemistry
 MH - Peptide Nucleic Acids/*chemical synthesis/chemistry
 MH - Support, Non-U.S. Gov't
 EDAT- 2000/06/03 09:00
 MHDA- 2000/07/06 11:00
 PST - ppublish
 SO - Org Lett 1999 Nov 18;1(10):1513-6.

Electronic publishing date in PubMed

see last page of this document

Nguyen Publication Date Request

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L2 2458 KUMAR V?/AU

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L3 5 L1 AND L2

=> d l3 ibib abs ed 5

L3 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:663052 HCAPLUS

DOCUMENT NUMBER: 132:251401

TITLE: Aminoethylprolyl Peptide Nucleic Acids (aepPNA):
Chiral PNA Analogues That Form Highly Stable
DNA:aepPNA2 Triplexes

AUTHOR(S): D'Costa, Moneesha; Kumar, Vaijayanti
A.; Ganesh, Krishna N.

CORPORATE SOURCE: Division of Organic Chemistry (Synthesis), National
Chemical Laboratory, Pune, 411008, India

SOURCE: Organic Letters (1999), 1(10), 1513-1516

PUBLISHER: CODEN: ORLEF7; ISSN: 1523-7060
DOCUMENT TYPE: American Chemical Society
LANGUAGE: Journal
English

AB The replacement of the glycyl component in the peptide nucleic acid (PNA) backbone by a prolyl unit bearing a nucleobase leads to the aminoethylprolyl (aep) PNAs, which are chiral and cationic. The homo-oligomeric aepPNA binds to complementary DNA sequences with high affinity and sequence specificity, forming highly stable triplexes.

ED Entered STN: 19 Oct 1999

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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Search Records Results

Serials Database (Title Search)

Search For: ORGANIC LETTERS**Items 1 - 8 of 8**

Note the following codes that occur within listings:

a=author c=claimant ac=author and claimant[Conduct Another Search](#)

Title: Organic letters
Additional Information: . -- Vol. 1, no. 1, July 15, 1999-.
Note: Biweekly.
International Standard
Serial Number: ISSN 1523-7060 = Organic letters.
Claimant: * acAmerican Chemical Society. v. 1, no.
TX 5-015-304 18Oct99; 6, 23Sep99. DCR 1999; PUB 16Sep99;
TX 5-015-213 12Nov99; 7, 7Oct99. DCR 1999; PUB 30Sep99;
TX 5-016-014 12Nov99; 8, 21Oct99. DCR 1999; PUB 14Oct99;
TX 5-038-034 23Nov99; 9, 4Nov99. DCR 1999; PUB 28Oct99;
TX 5-023-664 6Dec99; 10, 18Nov99. DCR 1999; PUB 11Nov99; ←
TX 5-038-475 6Jan00; 11, 2Dec99. DCR 1999; PUB 24Nov99;
TX 5-049-334 6Jan00; 12, 16Dec99. DCR 1999; PUB 9Dec99;
TX 5-041-026 13Jan00; 13, 30Dec99. DCR 1999; PUB 22Dec99; v. 2
TX 5-055-516 1Feb00; 1, 13Jan00. DCR 2000; PUB 7Jan00;
TX 5-046-574 2Feb00; 2, 27Jan00. DCR 2000; PUB 20Jan00;
TX 5-058-921 23Feb00; 3, 10Feb00. DCR 2000; PUB 3Feb00;
TX 5-062-925 14Mar00; 4, 24Feb00. DCR 2000; PUB 17Feb00;
TX 5-108-229 17May00; 5, 9Mar00. DCR 2000; PUB 2Mar00;
TX 5-108-263 17May00; 6, 23Mar00. DCR 2000; PUB 16Mar00;
TX 5-109-379 14Jun00; 8, 20Apr00. DCR 2000; PUB 14Apr00;

Title: Organic letters
Additional Information: . -- Vol. 1, no. 1, July 15, 1999-.
Note: Biweekly.
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Serial Number: ISSN 1523-7060 = Organic letters.
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TX 5-116-117 18May00; 7, 6Apr00. DCR 2000; PUB 30Mar00;
TX 5-115-511 18May00; 9, 4May00. DCR 2000; PUB 27Apr00;
TX 5-115-582 31May00; 10, 18May00. DCR 2000; PUB 11May00;
TX 5-148-036 7Aug00; 11, 1Jun00. DCR 2000; PUB 25May00;